

SECTION VI—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

Aitken, John.

On some nuclei of cloudy condensation. Part 3. Edinburgh. 1917. 3 tables. 2 figures. 25 $\frac{1}{2}$ cm. (Reprinted from the Proceedings of the Royal society of Edinburgh, session 1916–1917, v. 37, part 3 (No. 14), p. [215]–245.)

Angot Alfred.

Le canon et la pluie. (Photographed from France. Académie d'agriculture. Comptes rendus des séances, v. 3, 1917, no. 18, p. 501–508.) 24 cm.

Bartholomew, J[ohn] G[eorge].

Advanced atlas of physical and political geography: a new series of maps specially designed for schools, colleges and private students. Oxford. 1917. [1] [2] p. 96 col. maps, 31 p. 37 $\frac{1}{2}$ cm. [Includes maps of temperature, rainfall, winds, clouds, and earthquakes for the world; maps of temperature and rainfall for each continent.]

Bigelow, Frank H[agar].

Author's abstract of the Meteorological treatise, atmospheric circulation and radiation; and the Astrophysical treatise, the sun's radiation and other solar phenomena. New York. 1917. iii, 36 p. diagrs. 23 cm.

Bouyoucos, George J. & McCool, M. M.

Freezing point method as a new means of measuring the concentration of the soil solution directly in the soil. East Lansing. 1915. 44 p. 2 figures. 12 tables. 23 cm. (Michigan. Agricultural college. Experiment station. Division of soils. Technical bulletin no. 24.)

Burnham, William H[enry].

The optimum temperature for mental work. (Reprinted from the Pedagogical seminary, March, 1917, v. 24, p. 53–71.) 23 cm. Bibliography, p. 70–71.

Chemulpo, Chosen, Meteorological observatory.

Results of the meteorological observations made at Chosen for the lustrum, 1911–15. Jinsen. 1917. [1] 27 p. [1] tables. 30 $\frac{1}{2}$ cm. Final leaf in Japanese.

Cordeiro, F[rederick] J[oaquim] B[abosa].

Barometrical determination of heights, a practical method of barometrical levelling and hypsometry for surveyors and mountain climbers; 2d ed. rev. and enl. New York. 1917. 3 p. [1] 26 p. 16 $\frac{1}{2}$ cm.

Covert, Roy N[orton].

Modern methods of protection against lightning. Washington. 1917. 32 p. 24 figures. illus. 23 $\frac{1}{2}$ cm. (U. S. Department of agriculture. Farmers' bulletin 842. Contribution from the Weather bureau.)

Croydon natural history and scientific society.

Report of the meteorological committee, 1916, prepared by Francis Campbell-Bayard. Croydon. 1917. tables. 21 $\frac{1}{2}$ cm. (Excerpted from Proceedings & transactions, v. 8, pt. 3, no. 12.)

Ferrara, Gerardo.

La neve; studio sintetico generale. Teramo. 1916. 94 p. [1] table. fold. chart. 24 $\frac{1}{2}$ cm.

Gamba, Pericle.

Risultati dei lanci di palloni-sonda effettuati nel R. osserv. geofisico di Pavia nell'anno 1913. Milano. 1917. 3 tables. 24 $\frac{1}{2}$ cm. (Estratto dei Rendiconti, Reale istituto Lombardo di scienze e lettere, v. 50, p. [604]–612.)

Sulla più grande altezza raggiunta da un pallone sonda e la distribuzione verticale della temperatura nell'atmosfera terrestre. Pavia. 1913. chart. tables. 24 $\frac{1}{2}$ cm. (Estratto dei Rendiconti. Reale istituto Lombardo di scienze e lettere, v. 46, p. [505]–521.) Bibliography, p. 521.

Geneve. Observatoire.

Observations météorologiques faites aux fortifications de Saint-Maurice pendant l'année 1915. Résumé par Raoul Gautier et Ernest Rod. Genève. 1916. 56 p. (incl. title-page) tables. 22 $\frac{1}{2}$ cm. (Extrait des Archives des Sciences physiques et naturelles, juillet et novembre 1915, janvier, mars et décembre 1916.)

Résumé météorologique de l'année 1915 pour Genève et le Grand Saint-Bernard par Raoul Gautier, directeur. Genève. 1916. 104 p. (incl. title-page) tables. 22 $\frac{1}{2}$ cm. (Tiré des Archives des sciences de la Bibliothèque universelle, septembre et octobre 1916.)

Gladwin, F. E.

Winter injury of grapes. 8 plates. 10 tables. 22 $\frac{1}{2}$ cm. (New York. Agricultural experiment station. Geneva, N.Y. Bulletin no. 433. April, 1917, p. 107–139.) Published by the Department of agriculture.

Great Britain. Meteorological office.

Charts showing the surface temperature of the Atlantic, Indian, and Pacific oceans. [Second ed. 1903] London. 1904. [21] [16] charts, 49 x 37cm. Published by the authority of the Meteorological council. Official no. 59.

Hérault. [Commission météorologique.]

Bulletin météorologique. Année 1912 (40^e année) Montpellier. 1916. 50 p. tables. charts. 27 $\frac{1}{2}$ cm.

Hongkong. Royal observatory.

Hongkong storm signal code. (Local.) Introduced on 1st July, 1917. Hongkong. 1917. 1 sheet. 32 $\frac{1}{2}$ x 20cm.

Lamb, Edmund.

Climatological observations, taken at Borden Wood, in the Parish of Chithurst, County of Sussex, being the average for the years 1899–1908. [Liphook, Hants. Jan. 1909]. [4]p. tables. 26 $\frac{1}{2}$ x 33cm.

Climatological observations, taken at Borden Wood, in the Parish of Chithurst, County of Sussex, during the year 1909–1916. [Liphook, Hants. Jan. 1910–Jan. 1917.] [4 p. ea. yr.] tables. 26 $\frac{1}{2}$ x 33cm.

Osaka. Meteorological observatory.

Annual report for the year 1916. Part 1. Meteorological observations in Osaka, 1916. Osaka. 1917. cover-title, unp. 4 fold. charts. 25 $\frac{1}{2}$ cm.

Reed, William Gardner.

Coefficient of correlation. 3 tables. charts. 23 cm. (Reprinted from Quarterly publications of the American statistical association, June, 1917, p. 670–684.) Literature, p. 681–684.

Rijckevorsel, E[lie] van.

Konstant auftretende secundäre Maxima und Minima im dem jährlichen Verlauf der meteorologischen Erscheinungen. 11. Utrecht. 1917. cover-title, 76p. tables. figures (partly fold.) 25cm. At head of title: Sep. Abz. aus: Koninklijk nederlandse meteorologisch instituut, no. 102. Mededeelingen en verhandelingen, 22.

Sweden. Hydrografiska byrån.

Årsberättelse för 1916. Stockholm. 1917. 49p. (incl. title-page) tables. illus. 31 $\frac{1}{2}$ cm.

Årsbok 6 för 1914. Stockholm. 1917. v. [1] 342 p. tables. 27 charts on 27 plates, 3 fold. maps, (one in pocket at back). 31 $\frac{1}{2}$ cm.

United provinces of Agra and Oudh. Department of land records and agriculture.

List of errata to the Monthly tables of rainfall ... from January to December, 1916. [Lucknow, 20th April, 1917.] 4 leaves. 33 $\frac{1}{2}$ cm.

Monthly and annual rainfall table ... for the year 1916. [Lucknow, 25th April, 1917]. 17 p. 33 $\frac{1}{2}$ cm.

Wallen, Axel.

Vattenstånds-förutsägelserna. Granskning af 1916 års resultat och prognosar för år 1917. Stockholm. 1917. 18 p. (incl. title-page) 4 tables. 5 charts (partly fold.) 20cm. At head of title: Från hydrografiska byrån. (Särtryck ur Tecknisk tidskrift, Väg- och vattenbyggnadskonst, 1917, Häfte 3.)